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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/739,503	12/19/2000	G. George Reeves	P-2986.003	3128
24112 7	10/18/2002			
COATS & BENNETT, PLLC			EXAMINER	
P O BOX 5 RALEIGH, NC 27602			JONES, SCOTT E	
·			ART UNIT	PAPER NUMBER
			3713	
			DATE MAILED: 10/18/2002	

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary    Canamier			Application No.	Applicant(s)			
Scott E. Jones  3713  3713  3713  3713  A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.  A SHORTENED STATUTORY DERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.  If the period for reply specified store is less than theirly (30) days, and they within the statisticy minimum of theirly (30) days will be considered timely.  If the period for reply specified store is less than theirly (30) days, and they will not evert, however, many a reply be timely liked after 3Ke, 100 MONTHS from the mailing date of this communication.  If the period for reply specified store is less than their they (30) days, and they will not be statistically will only a self as the (30) MONTHS from the mailing date of this communication.  If the period for reply specified store is less than their the mailing date of this communication of their days and the considered timely.  If the period for reply specified store is less than their the mailing date of this communication, even if timely fifed, may reduce any seamed patient are disjutance. Set JCFR 1746(s).  A yeaply reselved by the Office lister than three months after the mailing date of this communication, even if timely fifed, may reduce any seamed patient are disjutance. Set JCFR 1746(s).  Status  1)[S responsive to communication(s) filled on 17 July 2002.  2a)[S] This action is FINAL.  2b) This action is non-final.  3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under Ex parte Quayle, 1935 C.D. 11, 453 O.G. 213.  Disposition of Claims  4 S claim(s) 1-32 is/are pending in the application.  4 S claim(s) 1-32 is/are pending in the application.  4 S claim(s) 1-32 is/are pending in the application.  5 Claim(s) 1-32 is/are pending the pending t	Office Action Summary		09/739,503	REEVES, G. GEORGE			
- The MALLING DATE of this communication appears on the cover sheet with the correspondence address - Period for Reply  A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE ② MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.  Extensions of time may be availate under the provisions of 31 CPR 1.30(a). In so event, however, may a risky but mity liked  Extensions of time may be availated under the provisions of 31 CPR 1.30(a). In so event, however, may a risky but mity liked  Extensions of time may be availated under the provisions of 31 CPR 1.30(a).  If the period for risky specified above is less than tithly (30) days, and post of the provision of the period for risky will, by stantiary period via algory and will expend so (MONTHS from the antiting date of this communication.  Fainter to risky whith the set for extended period for risky will, by stantiar, dealer the application to boomer AdMANCHED (35 U.S.C.) § 13(5).  Fainter to risky which the set for extended period for risky will, by stantiar, dealer the application to boomer AdMANCHED (35 U.S.C.) § 13(5).  Fainter to risky which the set for extended period for risky will, by stantiar, dealer the application to boomer AdMANCHED (35 U.S.C.) § 13(5).  Fainter to risky which the set for extended period for risky will, by stantiar, dealer the period and the period of the period of the communication, even if including the control of the communication of the period o			Examiner	Art Unit			
A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.  Extension of time may be available under the provisions of 37 °CF 1.13(d), in no event, however, may a reply be timitly field  Extension of time may be available under the provisions of 37 °CF 1.13(d), in no event, however, may a reply be timitly field  Extension of time may be available under the provisions of 37 °CF 1.13(d), in no event, however, may a reply be timitly field  Extension of time may be available under the provisions of 37 °CF 1.13(d), in no event, however, may a reply be timitly field  If NO period for reply is specified above, he maximum statutory period will apply and will expens SIX (b) MONTHS from the mailing date of this communication.  If NO period for reply is specified above, he maximum statutory period will apply and will expens SIX (b) MONTHS from the mailing date of this communication.  If NO period for reply is specified above, he maximum statutory period will apply and will expens SIX (b) MONTHS from the mailing date of this communication.  If NO period for reply is specified above, he maximum statutory period will apply and will expens SIX (b) MONTHS from the mailing date of this communication.  If NO period for reply is specified above, he maximum statutory period will apply and will expens SIX (b) MONTHS from the mailing date of this communication.  If Size and the specification is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under Ex parte Quayle, 1935 C.D. 11, 453 O.G. 213.  Is provided in accordance with the practice under Ex parte Quayle, 1935 C.D. 11, 453 O.G. 213.  Is provided in accordance with the practice under Ex parte Quayle, 1935 C.D. 11, 453 O.G. 213.  Is provided in accordance with the practice under Ex parte Quayle, 1935 C.D. 11, 453 O.G. 213.  Is closed in accordance with the practice under Ex parte Quayle, 1935 C.D. 11, 453 O.G. 213.  Is closed in accordance with the prac							
THE MAILING DATE OF THIS COMMUNICATION.  Extensions of time may be available under be provised of 3°C FR 1.15(6). In an event, however, may a reply be limitely field after SIX (6) MONTHS from his mailing date of this communication.  If the period for reply sending blood is less than them and the state of the communication in the provision of th		• •					
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	2) D Notic	e of Draftsperson's Patent Drawing Review (PTO-948)	5) Notice of Informal				

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## **DETAILED ACTION**

## Response to Amendment

1. This office action is in response to the amendment filed on July 17, 2002 in which applicant amends claim 32, adds new claim 93, and responds to the claim rejections.

## Claim Rejections - 35 USC § 103

- 2. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:
  - (a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.
- 3. Claims 1-20, 24-41, 45-51, and 81-93 are rejected under 35 U.S.C. 103(a) as being unpatentable over Reeves (U.S. 5,740,077) in view of Fisher (U.S. 5,507,485).

The rejection as stated in Office Action, Paper No. 11 is retained and incorporated herein.

4. Claims 21-23, and 42-44 are rejected under 35 U.S.C. 103(a) as being unpatentable over Reeves (U.S. 5,740,077) in view of Fisher (U.S. 5,507,485) as applied to claims 1-20, 24-41, 45-51, and 81-93 above, and further in view of Lobsenz (U.S. 6,030,109).

The rejection as stated in Office Action, Paper No. 11 is retained and incorporated herein.

## Response to Arguments

- 5. Applicant's arguments filed July 17, 2002 have been fully considered but they are not persuasive.
- 6. Applicant respectfully disagrees with the rejection to Claims 1-20, 24-41, 45-51, and 81-92 under 35 U.S.C. 103(a) as being unpatentable over Reeves (U.S. 5,740,077) in view of Fisher (U.S. 5,507,485).

Applicant alleges "the examiner has erred because Fisher does not teach or suggest dynamically generating a graphical view as required by claim 1, but instead discloses nothing more than displaying one of a set of pre-determined views stored in memory." The examiner disagrees. This feature is clearly disclosed in Fisher and is noted in previous Office Action, Paper No. 11. Fisher shows,

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"In addition, the golf computer advantageously includes means responsive to said position location for automatically updating the computer's graphical display to show the geographical features of immediate interest to the golfer." (Column 3, lines 55-60).

- 8. Regarding Claim 8, applicant further alleges "neither Reeves nor Fisher teach or suggest, alone or in combination, the dynamically generated view to include the direction in which the user intends the ball to travel due to the next stroke." However, the examiner disagrees. Please see the argument provided above regarding claim 1.
- 9. Regarding Claims 11 and 87, applicant alleges "none of the references cited by the Examiner, either alone or in combination, teach or suggest the use of a graphical display to show a user's position anywhere on a course, including the green." In response to applicant's argument that the references fail to show certain features of applicant's invention, it is noted that the features upon which applicant relies (i.e., graphical display to show a user's position anywhere on a course) are not recited in the rejected claim(s). Although the claims are interpreted in light of the specification, limitations from the specification are not read into the claims. See *In re Van Geuns*. 988 F.2d 1181. 26 USPQ2d 1057 (Fed. Cir. 1993). Furthermore, if this feature was claimed as stated, Fisher discloses this limitation. Please see the argument provided above regarding claim 1.

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10. Regarding Claims 28 and 90, applicant alleges "neither Reeves nor Fisher teach or suggest, alone or in combination, the ability to predict and graphically show, prior to a given shot, a probable area on the course where the ball will land." In response to applicant's argument that the references fail to show certain features of applicant's invention, it is noted that the features upon which applicant relies (i.e., the ability to predict and graphically show, prior to a given shot, a probable area on the course where the ball will land.) are not recited in the rejected claim(s). Although the claims are interpreted in light of the specification, limitations from the specification are not read into the claims. See *In re Van Geuns*, 988 F.2d 1181, 26 USPQ2d 1057 (Fed. Cir. 1993). Furthermore. if this feature was claimed as stated, Fisher clearly discloses this limitation as noted in previous Office Action, Paper No. 11. Please see Column 11, lines 5-15.

- Regarding Claim 92, applicant alleges Fisher does not show a graphical view showing forces acting on a golf ball. The examiner disagrees. As indicated in the previous Office Action, Paper No. 11., Fisher teaches of a golf computer that provides multiple views of each hole. One view is a detailed view of the green, which includes its topographical features such a slope. (Column 4, lines 10-15, and Figure 4c). This view clearly shows the forces of gravity acting on a golf ball on the green. Therefore, this feature is clearly shown in Fisher.
- 12. For the reasons discussed hereinabove, the rejections as stated in Office Action, Paper No. 11 are maintained and incorporated herein.

## Conclusion

13. **THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the

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mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Scott E. Jones whose telephone number is (703) 308-7133. The examiner can normally be reached on Monday - Friday, 8:30 A.M. - 5:30 P.M..

period for reply expire later than SIX MONTHS from the mailing date of this final action.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Valencia Martin-Wallace can be reached on (703) 308-4119. The fax phone numbers for the organization where this application or proceeding is assigned are (703) 872-9302 for regular communications and (703) 872-9303 for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 308-1148.

Scott E. Jones Examiner Art Unit 3713

sej

October 10, 2002

SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 3700